

OIKE

#2

RAW SEQUENCE LISTING

DATE: 08/23/2001

PATENT APPLICATION: US/09/924,400

TIME: 15:19:08

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

ENTERED

P.5

4 <110> APPLICANT: Frudakis, Tony N.
5 Reed, Steven G.
6 Smith, John M.
7 Misher, Lynda E.
8 Dillon, Davin C.
9 Retter, Marc W.
10 Wang, Aijun
11 Skeiky, Yasir A. W.
12 Harlocker, Susan L.
13 Day, Craig H.
14 Li, Samuel X.
15 Deng, Ta
19 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
20 AND DIAGNOSIS OF BREAST CANCER
23 <130> FILE REFERENCE: 210121.419C12
25 <140> CURRENT APPLICATION NUMBER: US/09/924,400
26 <141> CURRENT FILING DATE: 2001-08-07
28 <160> NUMBER OF SEQ ID NOS: 340
30 <170> SOFTWARE: FastSEQ for Windows Version 4.0
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 363
34 <212> TYPE: DNA
35 <213> ORGANISM: Homo sapiens
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39 gacgatttcc accggtatct cctcgtgggt attcagggag ctgcccagaa acctataaac 120
40 ttgtctaagg cgattgaagt cgtccagggg catgatgagt caccaggagt gtttttagag 180
41 cacctccagg aggcattatcg gatttacacc ccttttgacc tggcagcccc cgaaaatagc 240
42 catgctctta atttggcatt tgtggctcag gcagccccag atagtaaaag gaaactccaa 300
43 aaactagagg gattttgctg gaatgaatac cagtcagctt ttagagatag cctaaaaggt 360
44 ttt 363
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 121
48 <212> TYPE: PRT
49 <213> ORGANISM: Homo sapiens
51 <400> SEQUENCE: 2
52 Leu Glu Thr Gln Leu Gly Pro Asn Trp Asp Pro Asn Phe Ser Ser Gly
53 1 5 10 15
54 Gly Arg Thr Phe Asp Asp Phe His Arg Tyr Leu Leu Val Gly Ile Gln
55 20 25 30
56 Gly Ala Ala Gln Lys Pro Ile Asn Leu Ser Lys Ala Ile Glu Val Val
57 35 40 45
58 Gln Gly His Asp Glu Ser Pro Gly Val Phe Leu Glu His Leu Gln Glu
59 50 55 60
60 Ala Tyr Arg Ile Tyr Thr Pro Phe Asp Leu Ala Ala Pro Glu Asn Ser
61 65 70 75 80
62 His Ala Leu Asn Leu Ala Phe Val Ala Gln Ala Ala Pro Asp Ser Lys

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63          85          90          95
64 Arg Lys Leu Gln Lys Leu Glu Gly Phe Cys Trp Asn Glu Tyr Gln Ser
65          100          105          110
66 Ala Phe Arg Asp Ser Leu Lys Gly Phe
67          115          120
70 <210> SEQ ID NO: 3
71 <211> LENGTH: 1080
72 <212> TYPE: DNA
73 <213> ORGANISM: Homo sapiens
75 <220> FEATURE:
76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: 681, 685, 706, 720, 741, 752, 758, 780, 789, 824, 840, 859,
78          866, 884, 890, 905, 917, 926, 930, 951, 957, 959, 962, 974,
79          980, 982, 988, 995, 996, 1007, 1010, 1025, 1040, 1051, 1052,
80          1056, 1057, 1078 6✓
81 <223> OTHER INFORMATION: n = A,T,C or G
83 <400> SEQUENCE: 3
84 tcttagaatc ttcatacccc gaactcttgg gaaaacttta atcagtcacc tacagtctac 60
85 caccatttta ggaggagcaa agctacctca gctcctccgg agccgtttta agatccccca 120
86 tcttcaaagc ctaacagatc aagcagctct ccggtgcaca acctgcgccc aggtaaatgc 180
87 caaaaaaggt cctaaaccca gccaggcca ccgtctccaa gaaaactcac caggagaaaa 240
88 gtgggaaatt gactttacag aagtaaaacc acaccgggct gggtagaaat accttctagt 300
89 actggttagac accttctctg gatggactga agcatttgct accaaaaacg aaactgtcaa 360
90 tatggtagtt aagtttttac tcaatgaaat catccctcga cgtgggctgc ctgttgccat 420
91 agggctctgat aatggaacgg ccttcgcctt gtctatagtt taatcagtca gtaaggcggt 480
92 aaacattcaa tggaagctcc attgtgccta tcgaccaga gctctgggca agtagaacgc 540
93 atgaactgca ccctaaaaaa acactcttac aaaattaatc ttaaaaaccg gtgttaattg 600
94 tgtagtctc ctcccttag ccctacttag agttaagggt cacccttac tgggctgggt 660
W--> 95 tctttacctt ttgaaatcat ntttnggaag gggctgccta tcttttctta actaaaaaan 720
W--> 96 gccatttgg caaaaatttc ncaactaatt tntacgtacc tacgtctccc caacaggtan 780
W--> 97 aaaaactcnc tgcccttttc aaggaacctt cccatccatt cctnaacaaa aggcctgccn 840
W--> 98 ttcttcccc agttaactnt ttttttttaa aattcccaa aaangaaccn cctgctggaa 900
W--> 99 aaacncccc ctccaanccc cggccnaagn ggaagggtcc cttgaatccc nccccnca 960
W--> 100 anggcccgga accnttaaan tngttcngg gggthnggc taaaagnccn atttggtaaa 1020
W--> 101 cctanaaaatt ttttctttt taaaaaccac nttttnttt ttcttaaca aaaccctntt 1080
104 <210> SEQ ID NO: 4
105 <211> LENGTH: 1087
106 <212> TYPE: DNA
107 <213> ORGANISM: Homo sapiens
109 <220> FEATURE:
110 <221> NAME/KEY: misc_feature
111 <222> LOCATION: 559, 574, 576, 581, 582, 587, 589, 593, 594, 609, 627, 640,
112          659, 668, 672, 677, 691, 713, 714, 732, 741, 812, 813, 823,
113          825, 829, 838, 845, 849, 852, 855, 856, 859, 874, 876, 877,
114          892, 902, 907, 916, 917, 938, 950, 951, 952, 953, 960 OK
115 <223> OTHER INFORMATION: n = A,T,C or G
117 <221> NAME/KEY: misc_feature
118 <222> LOCATION: 965, 974, 976, 978, 982, 996, 1005, 1012, 1049, 1058, 1073,
119          1074, 1082, 1084, 1086 OK

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/924,400

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Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

120 <223> OTHER INFORMATION: n = A,T,C or G

122 <400> SEQUENCE: 4

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123 tctagagctg cgccctggatc cgcgccacagt gaggagacct gaagaccaga gaaaacacag 60
124 caagtaggcc ctttaaacta ctcacctgtg ttgtcttcta atttattctg ttttattttg 120
125 tttccatcat ttttaaggggt taaaatcatc ttgttcagac ctcagcatat aaaatgaccc 180
126 atctgtagac ctcaggctcc aaccataccc caagagtgtg ctgggtttgt ttaaattact 240
127 gccaggtttc agctgcagat atccctggaa ggaatatcc agattccctg agtagtttcc 300
128 aggttaaaat cctataggct tcttctgttt tgaggaagag ttcctgtcag agaaaaacat 360
129 gattttggat ttttaacttt aatgcttgtg aaacgctata aaaaaaattt tctaccoccta 420
130 gctttaaagt actgtagtg agaaattaaa attccttcag gaggattaaa ctgccatttc 480
131 agttacccta attccaaatg ttttgggtgt tagaatcttc tttaatgttc ttgaagaagt 540
W--> 132 gttttatat tttccatcha gataaattct ctctctctct nttttttttt ctnttttttt 600
W--> 133 aaaacggant cttgctccgt tgtccanget gggaattttt ttttggccaa tctccgctnc 660
W--> 134 cttgcaanaa tctgctctcc caaaattacc ncctttttcc cactccacc cctnnggaatt 720
W--> 135 acctggaatt anagggccccc nccccccccc cggctaattt gtttttgtt tagtaaaaaa 780
W--> 136 acgggttttc tgttttagtt aggatggccc anntctgacc cctnatchct cccctctngc 840
W--> 137 cctchaatnt tnggntang gcttaccccc cccngngttt tttcctccat tnaaattttc 900
W--> 138 tttggantct tgaatnccgg gttttccctt ttaaaccnat tttttttt nnncccccah 960
W--> 139 ttttccctcc cccctnthta angggggttt cccaanccgg gtcncccccc angtccccaa 1020
W--> 140 tttttctccc cccccctctt ttttcttttc cccaaaantc ctatcttttc cttnaaatat 1080
W--> 141 chantnt 1087

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143 <210> SEQ ID NO: 5

144 <211> LENGTH: 1010

145 <212> TYPE: DNA

146 <213> ORGANISM: Homo sapiens

148 <220> FEATURE:

149 <221> NAME/KEY: misc_feature

150 <222> LOCATION: 311, 315, 318, 339, 341, 347, 361, 379, 391, 415, 417, 419,

151 424, 430, 433, 454, 463, 465, 467, 476, 497, 499, 550, 562,

152 564, 587, 591, 595, 597, 598, 612, 625, 631, 640, 641, 645,

153 648, 656, 661, 665, 666, 670, 674, 675, 681, 682, 683 OK

154 <223> OTHER INFORMATION: n = A,T,C or G

156 <221> NAME/KEY: misc_feature

157 <222> LOCATION: 687, 688, 692, 710, 721, 778, 788, 811, 820, 830, 860, 867,

158 868, 871, 872, 889, 892, 896, 897, 899, 904, 915, 936, 951,

159 960, 970, 986, 990, 1000 OK

160 <223> OTHER INFORMATION: n = A,T,C or G

162 <400> SEQUENCE: 5

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163 tctagaccaa gaaatgggag gatttttagag tgactgatga tttctctatc atctgcagtt 60
164 agtaaacatt ctccacagtt tatgcaaaaa gtaacaaaac cactgcagat gacaaacact 120
165 aggtaacaca catactatct cccaaatacc taccacacaag ctcaacaatt ttaaactggt 180
166 aggatcactg gctctaata ccatgacatg aggtcaccac caaacatca agcgctaaac 240
167 agacagaatg tttccactcc tgatccactg tgtgggaaga agcaccgaac ttaccactg 300
W--> 168 gggggcctgc ntcanaahaa aagcccagtc ccccggtnt nccttttaac cggaacgaat 360
W--> 169 naaccaccca tcccacanc tctctgttc ntgggcctg catcttggg cctctntnc 420
W--> 170 tttnggggan acntggggaa ggtaccccat ttctttgacc cctnanaaaa acccngtgg 480
W--> 171 ccctttgccc tgattcnctt gggccttttc tctttccct tttgggtgt ttaaattccc 540
W--> 172 aatgtccccc gaacctctc cthctgccc aaaacctacc taaattctc nctangntt 600
W--> 173 ttcttgggtg thcttttcaa aggtnacctt ncctgttcan nccnanaaa aatttttcc 660

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001
TIME: 15:19:09

Input Set : A:\419c12.app.txt
Output Set: N:\CRF3\08162001\I924400.raw

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W--> 174 atatnttgg cccnnaaaaa nnnatchncc chaattgccc gaattggtn/ ggtttttcct 720
W--> 175 actgggggaa acccttttaa tttccccctt ggccggcccc ccttttttcc cccctttnga 780
W--> 176 aggcaggggg ttcttcccgga acttccaatt hcaacagccn tgcccattn/ tgaaaccctt 840
W--> 177 ttcctaaaat taaaaaatan cgggttnngg nnggcctctt tcccctccng gngggghngg 900
W--> 178 aaahcctta cccchaaaaa ggttgcttag ccccnngtcc ccactcccc hggaaaaatn 960
W--> 179 aacctttttn aaaaaaggaa tataantttt ccactccttn gttctcttcc 1010

181 <210> SEQ ID NO: 6
182 <211> LENGTH: 950
183 <212> TYPE: DNA
184 <213> ORGANISM: Homo sapiens
186 <220> FEATURE:
187 <221> NAME/KEY: misc_feature
188 <222> LOCATION: 199, 200, 209, 223, 224, 236, 240, 241, 244, 248, 249, 262,
189 263, 267, 268, 269, 270, 271, 272, 273, 280, 281, 283, 285,
190 286, 287, 288, 289, 290, 291, 293, 295, 296, 300, 302, 303,
191 309, 313, 314, 315, 316, 317, 318, 319, 320, 322, 323 OK
192 <223> OTHER INFORMATION: n = A,T,C or G
194 <221> NAME/KEY: misc_feature
195 <222> LOCATION: 326, 327, 331, 332, 339, 342, 343, 344, 346, 349, 352, 353,
196 355, 356, 359, 360, 362, 363, 364, 367, 369, 371, 375, 377,
197 378, 379, 383, 385, 387, 389, 390, 392, 396, 397, 399, 400,
198 401, 402, 405, 406, 408, 409, 410, 412, 413, 414, 415
199 <223> OTHER INFORMATION: n = A,T,C or G OK
201 <221> NAME/KEY: misc_feature
202 <222> LOCATION: 417, 419, 420, 423, 424, 428, 431, 433, 434, 435, 437, 438,
203 439, 443, 447, 449, 450, 455, 456, 458, 459, 462, 465, 467,
204 469, 472, 480, 481, 483, 484, 485, 486, 487, 488, 493, 494,
205 495, 496, 497, 502, 505, 507, 508, 510, 512, 517, 518 OK
206 <223> OTHER INFORMATION: n = A,T,C or G
208 <221> NAME/KEY: misc_feature
209 <222> LOCATION: 520, 521, 524, 526, 531, 536, 538, 539, 543, 544, 548, 549,
210 550, 552, 553, 555, 556, 557, 561, 563, 566, 570, 571, 572,
211 576, 577, 579, 580, 582, 583, 585, 588, 590, 591, 592, 594,
212 597, 603, 606, 607, 614, 616, 618, 620, 621, 622, 623 OK
213 <223> OTHER INFORMATION: n = A,T,C or G
215 <221> NAME/KEY: misc_feature
216 <222> LOCATION: 625, 628, 629, 630, 632, 634, 637, 638, 641, 645, 651, 652,
217 653, 658, 659, 663, 664, 668, 672, 673, 674, 678, 685, 689,
218 696, 700, 701, 702, 704, 705, 706, 708, 710, 711, 712, 713,
219 715, 719, 722, 725, 727, 731, 734, 735, 737, 739, 742 OK
220 <223> OTHER INFORMATION: n = A,T,C or G
222 <221> NAME/KEY: misc_feature
223 <222> LOCATION: 745, 748, 749, 751, 752, 754, 755, 757, 759, 762, 765, 767,
224 769, 773, 774, 775, 778, 780, 783, 785, 787, 790, 793, 797,
225 800, 803, 810, 812, 824, 828, 832, 836, 839, 843, 844, 846,
226 848, 850, 852, 853, 855, 858, 859, 861, 864, 865, 866
227 <223> OTHER INFORMATION: n = A,T,C or G OK
229 <221> NAME/KEY: misc_feature
230 <222> LOCATION: 868, 869, 872, 875, 880, 886, 889, 890, 891, 892, 893, 895,

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RAW SEQUENCE LISTING

DATE: 08/23/2001

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TIME: 15:19:09

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

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231      896, 901, 902, 906, 908, 913, 914, 916, 918, 921, 924, 925,
232      930, 932, 935, 940
233 <223> OTHER INFORMATION: n = A,T,C or G
235 <400> SEQUENCE: 6
236 tctagagctc gcggccgcga gctctaatac gactcactat agggcgtcga ctcgatctca 60
237 gctcactgca atctctgccc ccgggggtcat gcgattctcc tgcctcagcc ttccaagtag 120
238 ctgggattac aggcgtgcaa caccacaccc ggctaatttt gtatttttaa tagagatggg 180
W--> 239 gttttccctt gttggccann atggtctcna acccctgacc tcnngtgatc ccccccccn 240
W--> 240 ngnctcnna ctgctgggga tnnccgnnnn nnnccctccn ncnnnnnnnn ncnntccn 300
W--> 241 tnnctcttnc tcnnnnnnnn cnnctnnctc nncctctcnc cnnntttttt cnnnnccnn 360
W--> 242 cnncccnct ncccnnnnt tcnctnnnnn tntcnnnnn nntcnnnnn cnnnnctnn 420
W--> 243 cnnctacntc ntnnnnnnt cctctctttn cctcnnnnn cctcnnnnn tntctctc 480
W--> 244 ntnnnnnct cnnnnntct ctnctnnnnn tntcctnnn ncccnccccc ccctcnnn 540
W--> 245 ctnnnnnnn cnnnnnnctc nntcnnnnn nntcnnnnn cnnctnnnn nntttttt 600
W--> 246 cncnnnnct ctnctnnnnn nntcnnnnn cnnctnnnn nntttttt 660
W--> 247 tnnctnnnn cnnnnnnctc ccccnccctt cctcnnnnn nntnnnnnn nntcnnnn 720
W--> 248 tntcnnnnn nntcnnnnn tntcnnnnn nntcnnnnn tntcnnnnn ctnnnnnnn 780
W--> 249 tntcnnnnn cntcnnnnn ctnctnnnnn tntcnnnnn ctnctnnnn ctnnnnnnn 840
W--> 250 cnnctnnnn tntcnnnnn nntcnnnnn ctnctnnnn tntcnnnn nntcnnnn 900
W--> 251 nccccnncc ctnnnnnct nntcnnnnn tntcnnnn tntcnnnn 950
253 <210> SEQ ID NO: 7
254 <211> LENGTH: 1086
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <221> NAME/KEY: misc_feature
260 <222> LOCATION: 501, 691, 711, 735, 751, 780, 810, 819, 826, 832, 849, 889,
261      890, 904, 913, 920, 926, 937, 940, 953, 957, 960, 985, 993,
262      994, 1000, 1012, 1044, 1060, 1063, 1080, 1081
263 <223> OTHER INFORMATION: n = A,T,C or G
265 <400> SEQUENCE: 7
266 tctagagctc gcggccgcga gctcaattaa ccctcactaa agggagtcga ctcgatcaga 60
267 ctgttactgt gtctatgtag aaagaagtag acataagaga ttccattttg ttctgtacta 120
268 agaaaaattc ttctgcttg agatgctgtt aatctgtaac cctagcccca accctgtgct 180
269 cacagagaca tgtgctgtgt tgactcaagg ttcaatggat ttagggctat gctttgttaa 240
270 aaaagtgtt gaagataata tgcttgtaa aagtcacac cattctctaa tctcaagtag 300
271 ccagggacac aatacactgc ggaaggccgc agggacctct gtctaggaaa gccaggatt 360
272 gtccaagatt tctcccatg tgatagctg agatatggcc tcatgggaag ggtaagacct 420
273 gactgtcccc cagcccgaca tccccagcc cgacatcccc cagcccgaca cccgaaaagg 480
W--> 274 gtctgtgctg aggaagatta ntaaaagagg aaggctcttt gcattgaagt aagaagaagg 540
275 ctctgtctcc tgctgtctcc tgggcaataa aatgtcttgg tgtaaaccg gaatgtatgt 600
276 tctacttact gagaatagga gaaaacatcc ttagggctgg aggtgagaca ccctggcgcc 660
W--> 277 atactgtctt ttaatgcacg agatgtttgt ntaattgcc tccagggcc ncccccttcc 720
W--> 278 ttaacttttt atganacaaa aactttgttc ncttttctg cgaacctctc ccctattan 780
W--> 279 cctattggcg tgcccatccc ctccccaaan ggtgaaaana tgttcttaa tncgagggaa 840
W--> 280 tccaaaactt tttccgcttg gtccctttc caaccctgc cctgggccc tttcctcccc 900
W--> 281 aactgtccc ggttccttcn ttcctcccc ctcccgan aaaaaacccc gtttganggn 960
W--> 282 gccccctcaa attataacct ttcnaaaca aannggcttc aaggtggttt gnttccggtg 1020
W--> 283 cggctggcct tgaggtcccc cctncacccc aatttggan cngtttttt ttattgccc 1080

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

check position

1081 of sequence 8/23/01

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001

TIME: 15:19:10

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

L:25 M:270 C: Current Application Number differs, Wrong Format
L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:98 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:99 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:132 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:133 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:134 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:135 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
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L:138 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:139 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:140 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:169 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:170 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:171 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:172 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:174 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:175 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
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L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
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L:239 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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L:241 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:242 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:243 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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L:246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
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L:249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:274 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:278 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/924,400

DATE: 08/23/2001

TIME: 15:19:10

Input Set : A:\419c12.app.txt

Output Set: N:\CRF3\08162001\I924400.raw

L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7

L:5922 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:322 *OK*